REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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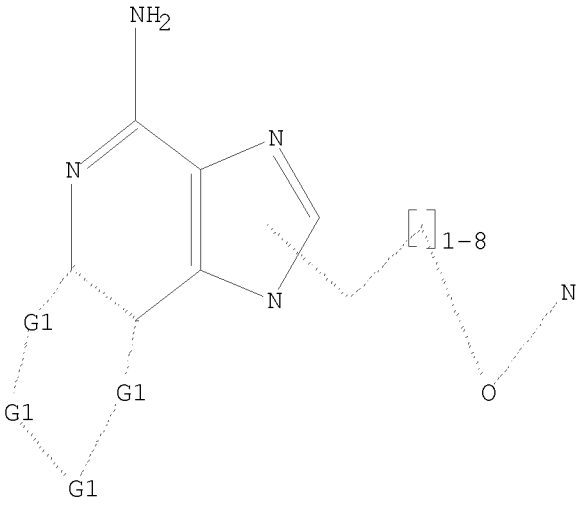

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Structure attributes must be viewed using STN Express query preparation.

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COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
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FILE 'CAPLUS' ENTERED AT 12:39:00 ON 23 OCT 2009

FILE COVERS 1907 - 23 Oct 2009 VOL 151 ISS 18
FILE LAST UPDATED: 22 Oct 2009 (20091022/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. [I; X = CHR2, CHR2A; A = (un)substituted alkylene, alkenylene; Y = a bond, C(:O), C(:S), SO2, COO, CONH and derivs., etc.; R1, R' = independently H, (un)substituted alk(en)yl, aryl, etc.; RA, RB = independently H, halo, alk(en)yl, alkoxy, alkylthio, NH2 and derivs.; or RACCRB = (un)substituted fused hetero/aryl, fused 5- to 7-membered saturated ring; R'' = H, non-interfering substituent; and their pharmaceutically acceptable salts], were prepared as immunomodulators for inducing cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases. For example, reacting 1-[3-(aminooxy)propyl]-2-propyl-1H-imidazo[4,5-c]quinolin-4-amine (preparation given) with cyclopropanecarbonyl chloride gave title compound II (m.p. = 103-105°). Thus, induced interferon and tumor necrosis factor in human cells (no data).

AN 2005:177837 CAPLUS

DN 142:280205

TI Preparation of hydroxylamine substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease

IN Kshirsagar, Tushar A.; Amos, David T.; Dellaria, Joseph F., Jr.; Heppner, Philip D.; Langer, Scott E.; Zimmermann, Bernhard M.

PA 3M Innovative Properties Company, USA

SO PCT Int. Appl., 254 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

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PATENT FAMILY INFORMATION:

FAN 2005:177833

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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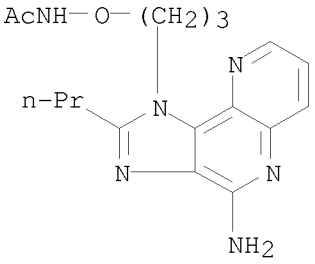
OS CASREACT 142:280205; MARPAT 142:280205

IT 847439-75-2
RL: PRPH (Prophetic)
(Preparation of hydroxylamine substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease)

RN 847439-75-2 CAPLUS

CN Acetamide, N-[3-(4-amino-2-propyl-1H-imidazo[4,5-c][1,5]naphthyridin-1-yl)propoxy]- (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. [I; X = CHR2A; A = alkylene, alkenylene optionally interrupted by one or more O; R1, R' = independently H, (un)substituted alk(en)yl, hetero/aryl, hetero/arylalkylenyl, heterocyclyl, heterocyclylalkylenyl, etc.; RA, RB = independently H, halo, alk(en)yl, alkoxy, alkylthio, NH2 and derivs.; or RACCRB = (un)substituted fused hetero/aryl, fused 5- to 7-membered saturated ring; R'' = H, non-interfering substituent; and their pharmaceutically acceptable salts], were prepared as immunomodulators for inducing cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases. Thus, reacting 4-fluorobenzaldehyde with 1-[3-(aminooxy)propyl]-2-propyl-1H-imidazo[4,5-c]quinolin-4-amine (preparation given) in MeOH gave oxime II. I induced interferon and tumor necrosis factor in human cells (no data).

AN 2005:177833 CAPLUS

DN 142:280204

TI Preparation of oxime substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease

IN Kshirsagar, Tushar; Amos, David T.; Dellaria, Joseph F., Jr.; Heppner, Philip D.; Langer, Scott E.; Zimmermann, Bernhard M.

PA 3M Innovative Properties Company, USA

SO PCT Int. Appl., 348 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

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PATENT FAMILY INFORMATION:

FAN 2005:177837

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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OS CASREACT 142:280204; MARPAT 142:280204

IT 1044343-60-3
RL: PRPH (Prophetic)
(Preparation of oxime substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease)

RN 1044343-60-3 CAPLUS

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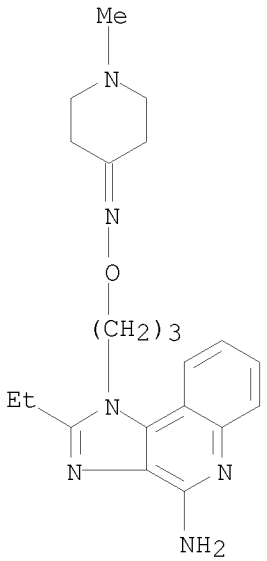

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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